From: PETERSON Jenn L
To: Eric Blischke/R10/USEPA/US@EPA
Subject: RE: Status of Lamprey Sampling
Date: 10/02/2006 02:05 PM

Do you know if they tried any channel sampling yet?

-Jennifer

-----Original Message-----
From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, October 02, 2006 2:00 PM
To: Shephard.Burt@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov;
Black.Curt@epamail.epa.gov; Davoli.Dana@epamail.epa.gov; GAINER Tom;
Grepo-Grove.Gina@epamail.epa.gov; jeff.baker@grandronde.org; PETERSON
Jenn L; jeremy_buck@fws.gov; ANDERSON Jim M; Goulet.Joe@epamail.epa.gov;
Smith.Judy@epamail.epa.gov; TOEPEL Kathryn;
Koch.Kristine@epamail.epa.gov; Lisa.Estensen@grandronde.org; MCCLINCY
Matt; OMEALY Mikell; howp@critfc.org; POULSEN Mike;
Fuentes.Rene@epamail.epa.gov; Robert.Neely@noaa.gov;
Sheldrake.Sean@epamail.epa.gov; tomd@ctsi.nsn.us;
parker.wittman@eiltd.net; csmith@parametrix.com;
rgensemer@parametrix.com; rose@yakama.com; erin.madden@gmail.com;
Ron.Gouguet@noaa.gov; cinde.donoghue@eiltd.net; jay.field@noaa.gov;
jennifer.arthur@EILTD.net; chris.thompson@EILTD.net;
aron.borok@EILTD.net; Cora.Lori@epamail.epa.gov;
Ader.Mark@epamail.epa.gov
Subject: Status of Lamprey Sampling

Attached is a table summarizing the status of the lamprey as of today. The sampling began on September 20th and continued through Friday. The field crew took the weekend off and started up again today. As indicated in the table, the LWG has collected 18 ammocoetes representing approximately 30 g of tissue between RM 2 and 10. In addition, another 4 ammocoetes were collected near the Fremont Bridge. 30 to 50 g of tissue is required for chemical analysis with 30 g representing the minimum amount for all analyses. Further discussion is required as to whether the 4 "Downtown" (Fremont Bridge) ammocoetes should be combined with the RM 2 - 10 ammocoetes to increase our mass of our sample.

The LWG plans on moving upstream above Ross Island to attempt to additional ammocoetes. This will be a separate sample. I previously provided the LWG with the following direction regarding upstream locations. These locations were scouted by Jeremy, Ron, Erin and I on September 22, 2006.

1) Upstream end of Ross Island (appx. RM 15.5 - 15.8). There is good shallow water habitat. Potential locations include the channel just west of East Island, upstream of the southern tip of Ross Island and the shallow area between Ross Island and Toe Island.
2) Upstream of the Sellwood Bridge along the west bank of the river (appx. RM 16.5 - 17). The river is narrower here and flows are expected to be higher. This may be better habitat for lamprey.
3) Northeast side of Elk Rock Island (appx. RM 18.7). There is shallow water habitat to the east of Elk Rock Island just upstream of where Kellogg Creek enters the Willamette River. Apparently, lamprey have been found near the mouth of Johnson Creek. However, I would like to stay upstream of Johnson and Kellogg Creeks due to the potential for contamination associated with these tributaries.

Our intention is to take what ever we can get at the three locations described above. I understand that the ammocoetes prefer areas where higher current is present. If there is insufficient mass, we will need to prioritize chemicals for analysis.

If you have any questions, please let me know.

Thanks, Eric

(See attached file: Summary catch table.xls)